

What is claimed is:

1. An electric toothbrush comprising:
  - (a) a handle, a head, and a neck extending between said handle and said head, said handle having a hollow interior region, said head having bristles disposed thereon, and said electric toothbrush having a longitudinal axis;
  - (b) a movable bristle holder disposed on said head, said movable bristle holder having a plurality of movable bristles disposed thereon;
  - (c) a motor disposed in said hollow interior region, wherein said motor is operatively connected to said movable bristle holder by a drive shaft; and
  - (d) one or more bristles disposed in a static portion of said head, wherein motion of said drive shaft results in motion of said bristles disposed on said static portion of said head.
2. The electric toothbrush of Claim 1, wherein said movable bristle holder contacts at least a portion of said one or more bristles disposed on said static portion of said head.
3. The electric toothbrush of Claim 1, wherein said movable bristle holder reciprocates along said longitudinal axis of said toothbrush.
4. The electric toothbrush of Claim 3, wherein said movable bristle holder reciprocates from about 750 to about 2000 strokes cycles per minute.
5. The electric toothbrush of Claim 1, wherein said bristles disposed on said head comprise bristles that are disposed in said static portion of said head and do not undergo motion as a result of motion of said drive shaft, bristles that are disposed in said static portion of said head and do undergo motion as a result of motion of said drive shaft, and bristles disposed on said movable bristle holder.
6. The electric toothbrush of Claim 5, wherein said bristles further comprise a single elastomeric cylinder.
7. The electric toothbrush of Claim 1, wherein said bristles disposed on said static portion of said head are displaced in a direction substantially parallel to said longitudinal axis of the toothbrush.

8. The electric toothbrush of Claim 1, wherein said bristles disposed on said static portion of said head are displaced in a direction substantially perpendicular to the longitudinal axis of the toothbrush.
9. The electric toothbrush of Claim 1, wherein said bristles disposed on said static portion of said head are displaced at an angle of from about 5 degrees to about 45 degrees.
10. The electric toothbrush of Claim 1, wherein said movable bristle holder has a stroke length of from about 0.1 mm to about 10mm.
11. The electric toothbrush of Claim 1, wherein a lower about 50% of the bristle length is contacted by the movable bristle holder.
12. The electric toothbrush of Claim 11, wherein a lower about 30% of the bristle length is contacted by the movable bristle holder.
13. The electric toothbrush of Claim 1, wherein said bristle passes through said static portion of said toothbrush terminating in a bristle bulb, wherein said bristle bulb is contacted by said movable bristle holder operatively connected to said drive shaft resulting in motion of the length of the bristle proximal to the static portion of the head of the toothbrush.
14. The electric toothbrush of Claim 1, wherein said movable bristle holder further comprises one or more protuberances.
15. The electric toothbrush of Claim 1, wherein said movable bristle holder comprises one or more protuberances selected from the group consisting of leading edge protuberances, trailing edge protuberances, side edge protuberances, or any combination thereof.
16. The electric toothbrush of Claim 15, wherein said protuberances are on a leading edge of said movable bristle holder.
17. An electric toothbrush comprising

- (a) a handle, a head, and a neck extending between said handle and said head, said handle having a hollow interior region, said head having bristles disposed thereon, and said electric toothbrush having a longitudinal axis;
- (b) a movable bristle holder disposed on said head, said movable bristle holder having a plurality of movable bristles disposed thereon;
- (c) a motor disposed in said hollow interior region and operatively connected to said movable bristle holder to move said movable bristle holder; and
- (d) one or more bristles disposed in a static portion of said head, wherein movement of said movable bristle holder results in motion of at least a portion of said one or more bristles disposed on said static portion of said head.

18. The electric toothbrush of Claim 17, wherein contact occurs between said movable bristle holder and at least a portion of said one or more bristles disposed on said static portion of said head.

19. An electric toothbrush comprising:

- (a) a handle, a head, and a neck extending between said handle and said head, said handle having a hollow interior region, said head having bristles disposed thereon, and said electric toothbrush having a longitudinal axis;
- (b) a movable bristle holder disposed on said head, said movable bristle holder having a plurality of movable bristles disposed thereon;
- (c) a motor disposed in said hollow interior region and operatively connected to said movable bristle holder to move said movable bristle holder, wherein said movable bristle holder comprises one or more protuberances; and
- (d) one or more bristles disposed in a static portion of said head, wherein movement of said movable bristle holder comprising said one or more protuberances moves at least a portion of said bristles disposed on said static portion of said head.

20. The electric toothbrush of Claim 19, wherein said movable bristle holder reciprocates along said longitudinal axis of said toothbrush.

21. The electric toothbrush of Claim 20, wherein said movable bristle holder reciprocates from about 750 to about 2000 strokes cycles per minute.

22. The electric toothbrush of Claim 19, wherein said one or more protuberances selected from the group consisting of leading edge protuberances, trailing edge protuberances, side edge protuberances, or any combination thereof.
23. The electric toothbrush of Claim 19, wherein said movable bristle holder comprises one or more protuberances on a leading edge of said movable bristle holder.
24. The electric toothbrush of Claim 19, wherein said movable bristle holder comprises a plurality of protuberances.
25. The electric toothbrush of Claim 19, wherein contact occurs between said protuberances and at least a portion of said one or more bristles disposed on said static portion of said head.
26. The electric toothbrush of Claim 25, wherein said protuberances contact said bristles disposed on said static portion of said head within the lower about 50% of the bristle length.
27. The electric toothbrush of Claim 19, wherein said bristle passes through said static portion of said toothbrush terminating in a bristle bulb, wherein said bristle bulb is contacted by said movable bristle holder resulting in motion of the proximal length of the bristle.